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ABSTRACT

A cap operated retractable medical device has an outer body with a hingedly connected outer cap which moves between an open and a closed position. The device is used as a blood sampler with a conventional collection tube normally used in such devices. A movable member is entirely enclosed within the outer body. A sliding interference or friction fit holds a retraction body within the mouth of the movable member and also holds the front end of the movable member within the outer body positioned with the retraction body adjacent a stop. A double ended needle is installed in the retraction body. Camming protrusions on the cap engage the back of the movable member to move it forward as the cap is closed thereby triggering retraction of the retraction body and its double ended needle entirely within the outer body. Once the cap is closed with the double ended needle safely inside, the device can be safely handled. The device is compact. It can be as short as the needles it will safely contain.

19 Claims, 5 Drawing Sheets

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